



[Go to Product page](#)

Datasheet for ABIN2443721
anti-tau antibody (pTyr18)

2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	tau
Binding Specificity:	AA 12-24, pTyr18
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Clone:	9G3
Isotype:	IgG1
Purification:	Purified

Target Details

Target:	tau
Alternative Name:	tau (tau Products)
UniProt:	P10636

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Application Details

Restrictions: For Research Use only

Handling

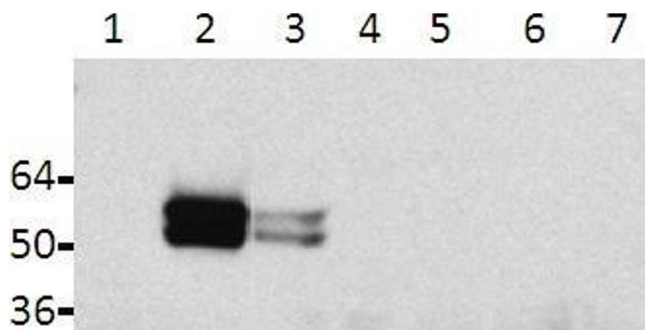
Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months).

Publications

Product cited in: Tang, Fesharaki-Zadeh, Takahashi, Nies, Smith, Luo, Chyung, Chiasseu, Strittmatter: "Fyn kinase inhibition reduces protein aggregation, increases synapse density and improves memory in transgenic and traumatic Tauopathy." in: **Acta neuropathologica communications**, Vol. 8, Issue 1, pp. 96, (2020) ([PubMed](#)).

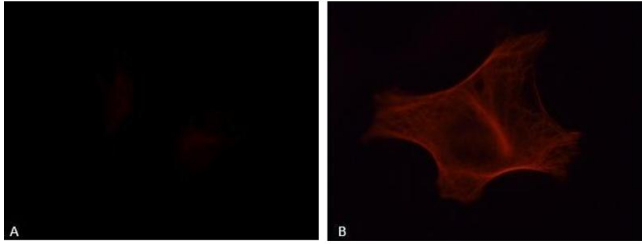
Images



Western Blotting

Image 1. Western blot analysis of lysates from HeLa transfected cells:

1: Tau, 2: Tau + Fyn, 3: Tau + Src, 4: non-transfected, 5: TauY18F, 6: TauY18F + Fyn, 7: TauY18F + Src



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa transfected cells stained with the anti-phospho-Tau (Tyr18) antibody, 1:200 dilution:

A: Tau, B: Tau + Fyn